

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049909.D
 Acq On : 26 Jul 2022 12:57
 Operator : SY/MD
 Sample : N3870-02DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ01DL

Quant Time: Jul 27 03:56:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 03:55:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

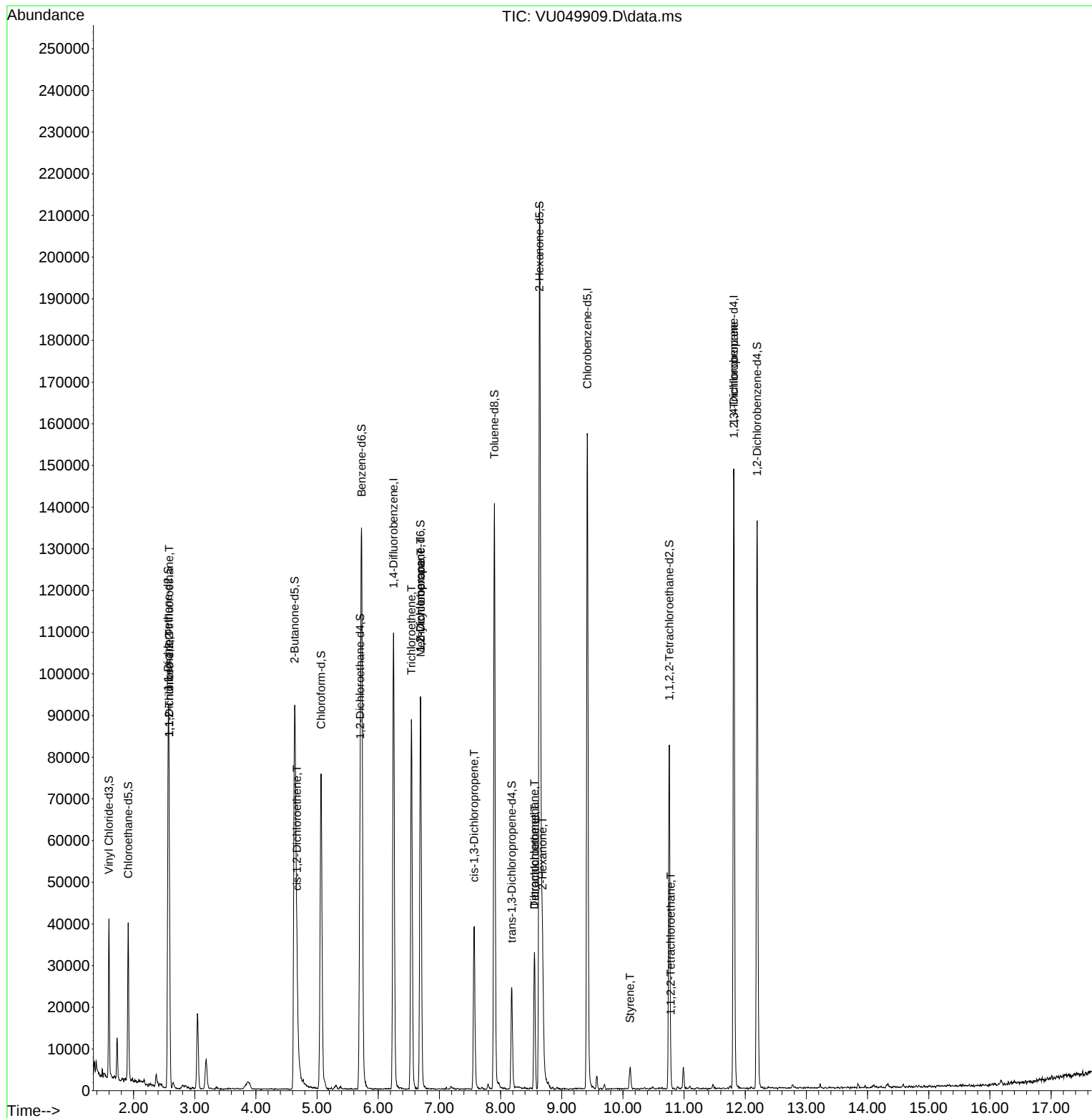
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84537	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	87294	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25935	3.790	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.912	69	24537	4.284	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.565	65	11459	3.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.632	46	130038	52.807	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.620%
24) Chloroform-d	5.067	84	68833	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.703	65	40804	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.729	84	118270	3.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.690	67	44746	4.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.899	98	91781	3.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	8.182	79	14870	3.985	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.636	63	63925	43.238	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.480%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39664	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	34565	4.468	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	20065	3.635	ug/L	99
12) 1,1-Dichloroethene	2.581	96	1076	0.193	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	6137	0.821	ug/L	99
34) Trichloroethene	6.542	95	30186	3.930	ug/L	98
35) Methylcyclohexane	6.693	83	10001	1.056	ug/L #	15
37) 1,2-Dichloropropane	6.690	63	4820	0.534	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1309	0.110	ug/L	99
47) Tetrachloroethene	8.555	164	7005	1.325	ug/L	92
48) 2-Hexanone	8.687	43	17919	3.813	ug/L #	92
49) Dibromochloromethane	8.552	129	6810	0.946	ug/L #	14
55) Styrene	10.118	104	2618	0.131	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.783	83	802	0.096	ug/L #	75
61) 1,2,3-Trichloropropane	11.815	75	5369	1.075	ug/L #	69

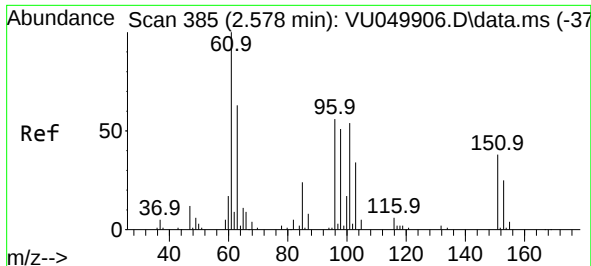
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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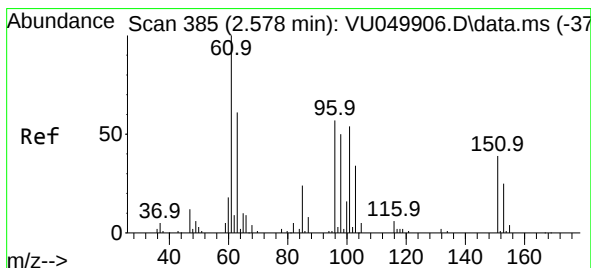
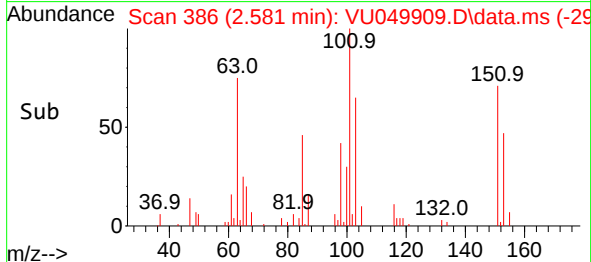
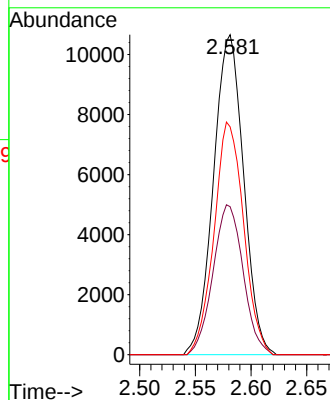
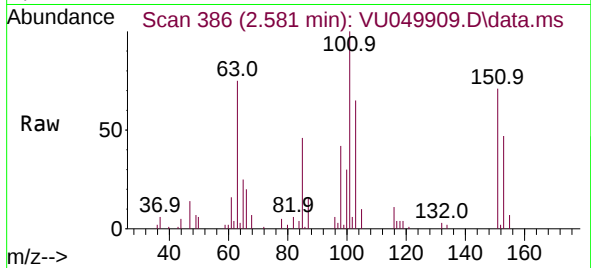




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.635 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU049909.D
 Acq: 26 Jul 2022 12:57

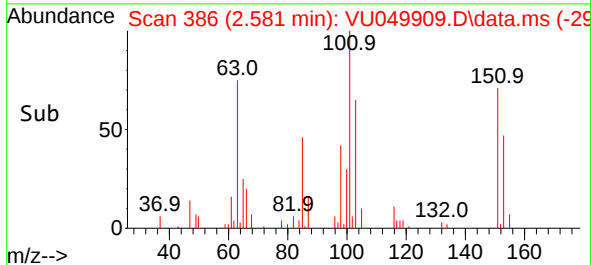
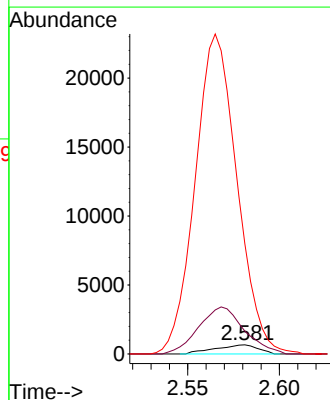
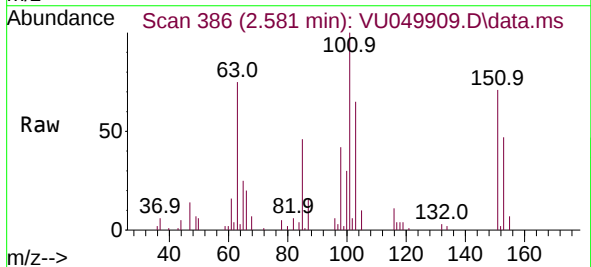
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ01DL

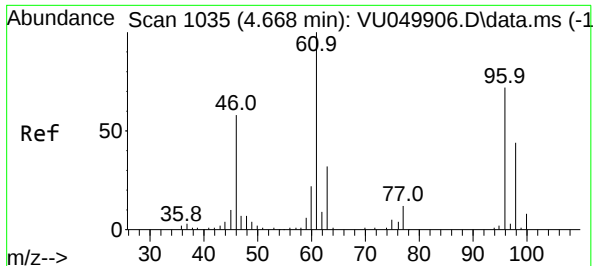
Tgt Ion:101 Resp: 20065
 Ion Ratio Lower Upper
 101 100
 85 46.8 37.2 55.8
 151 71.3 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 0.193 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU049909.D
 Acq: 26 Jul 2022 12:57

Tgt Ion: 96 Resp: 1076
 Ion Ratio Lower Upper
 96 100
 61 249.7 131.6 244.4#
 63 1203.9 100.0 185.6#





#22

cis-1,2-Dichloroethene

Concen: 0.821 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU049909.D

Acq: 26 Jul 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

GBJ01DL

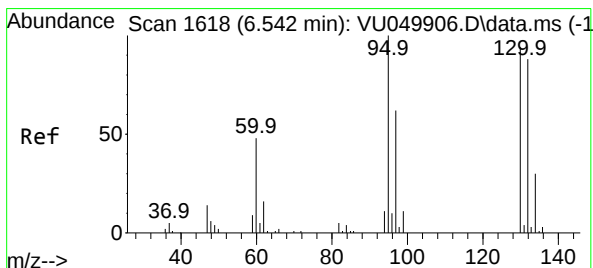
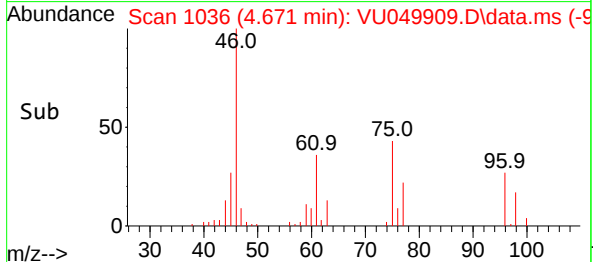
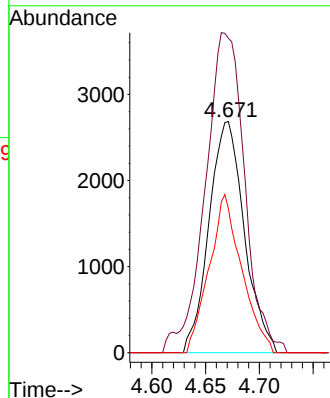
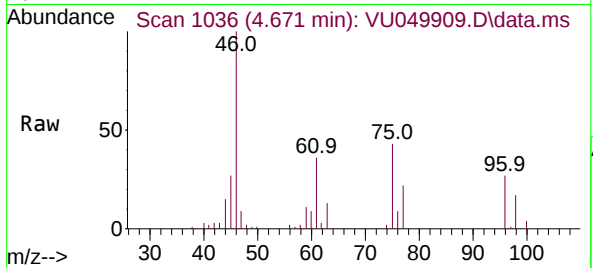
Tgt Ion: 96 Resp: 6137

Ion Ratio Lower Upper

96 100

61 136.0 93.9 174.3

98 62.3 43.9 81.5



#34

Trichloroethene

Concen: 3.930 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU049909.D

Acq: 26 Jul 2022 12:57

Tgt Ion: 95 Resp: 30186

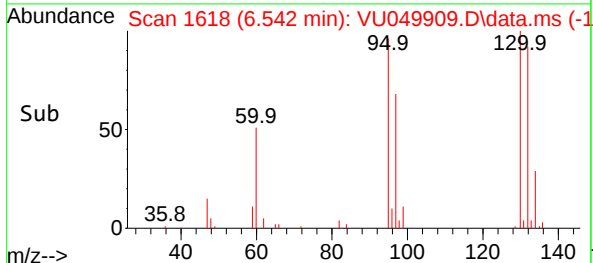
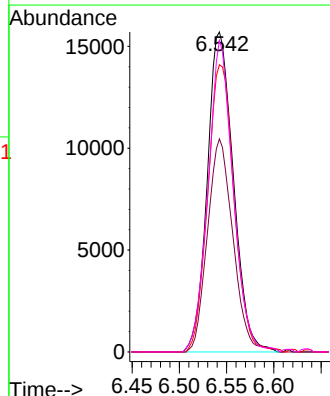
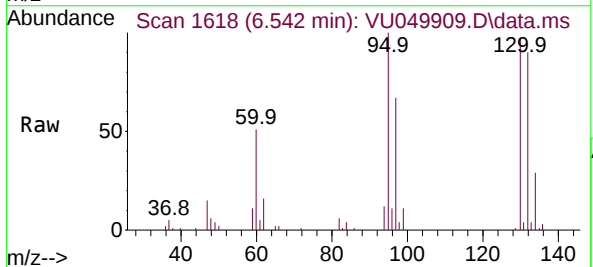
Ion Ratio Lower Upper

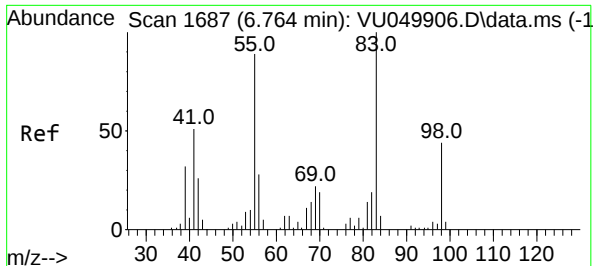
95 100

97 66.6 46.8 86.8

132 89.8 61.8 114.8

130 97.4 66.3 123.1

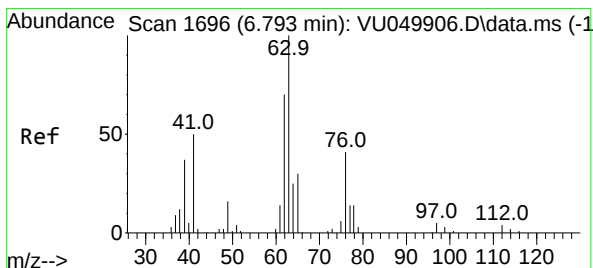
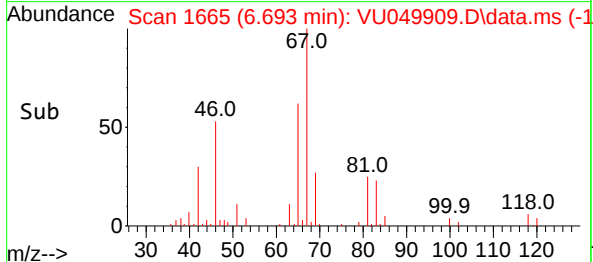
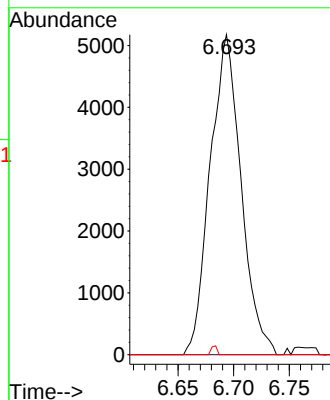
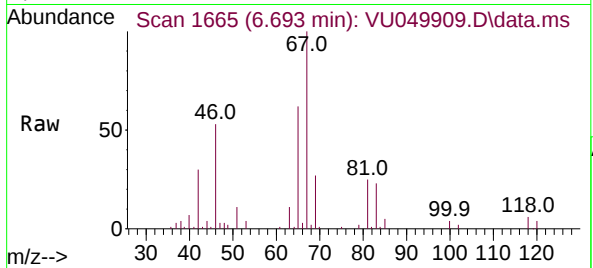




#35
Methylcyclohexane
Concen: 1.056 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049909.D
Acq: 26 Jul 2022 12:57

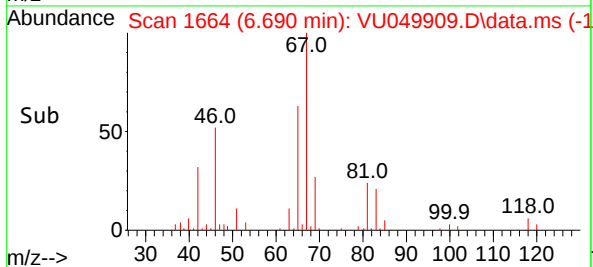
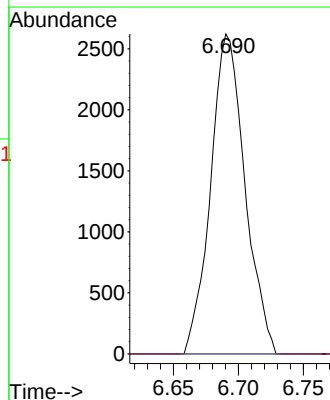
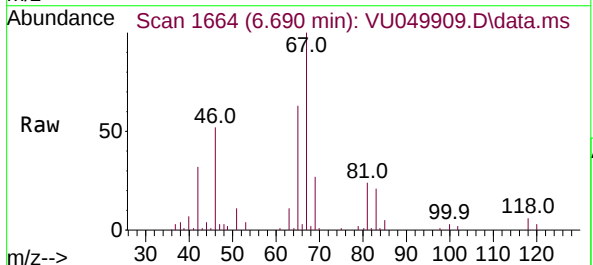
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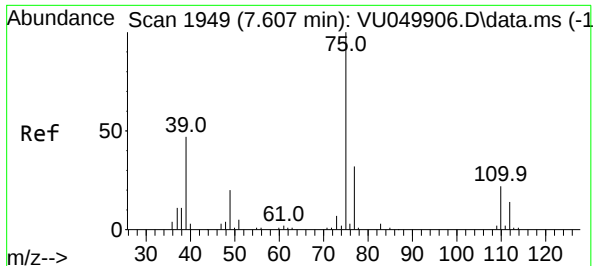
Tgt Ion: 83 Resp: 10001
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.5 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU049909.D
Acq: 26 Jul 2022 12:57

Tgt Ion: 63 Resp: 4820
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU049909.D

Acq: 26 Jul 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

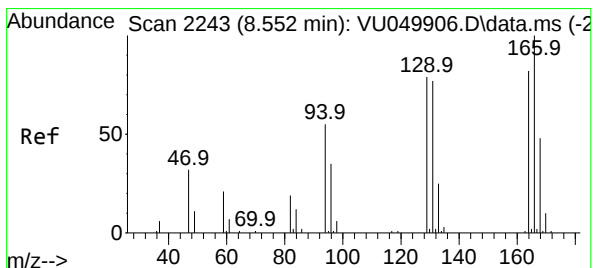
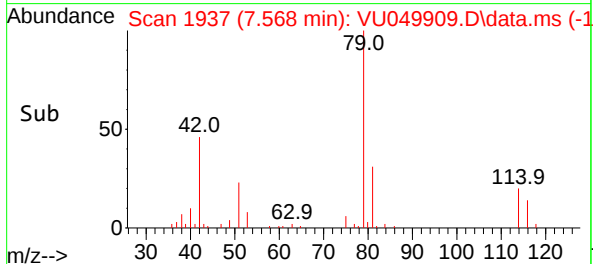
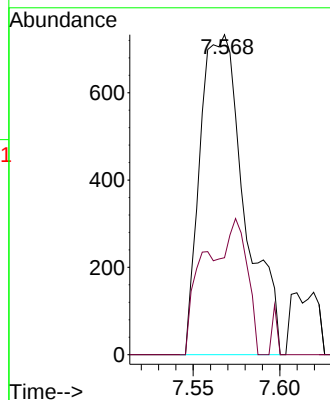
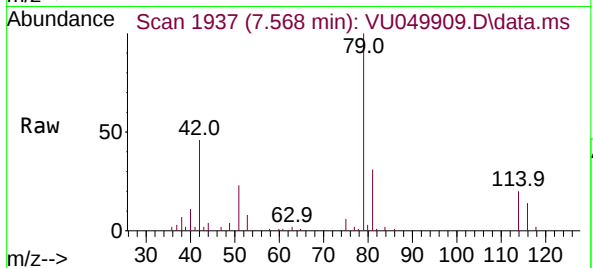
GBJ01DL

Tgt Ion: 75 Resp: 1309

Ion Ratio Lower Upper

75 100

77 30.3 21.6 40.0



#47

Tetrachloroethene

Concen: 1.325 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU049909.D

Acq: 26 Jul 2022 12:57

Tgt Ion: 164 Resp: 7005

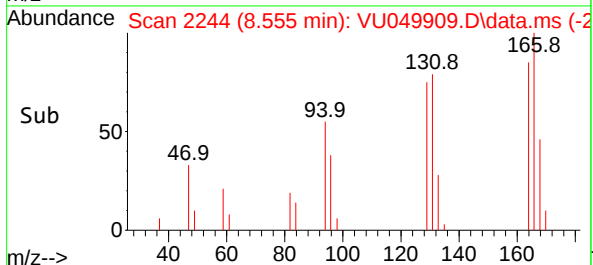
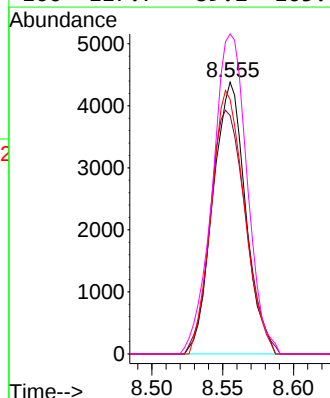
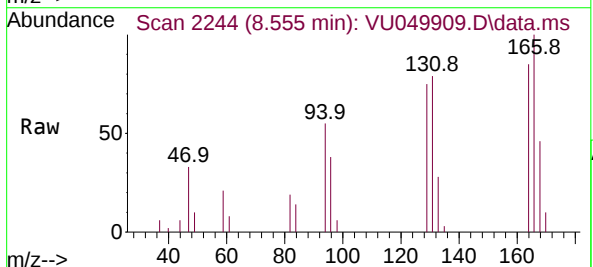
Ion Ratio Lower Upper

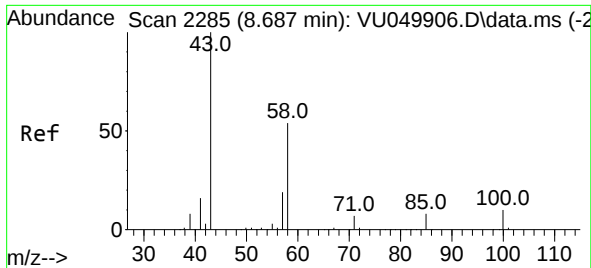
164 100

129 87.7 68.9 127.9

131 93.6 67.5 125.4

166 117.7 89.2 165.8

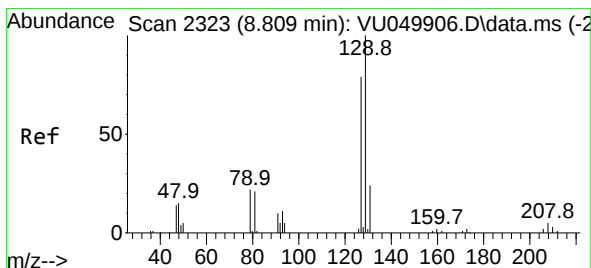
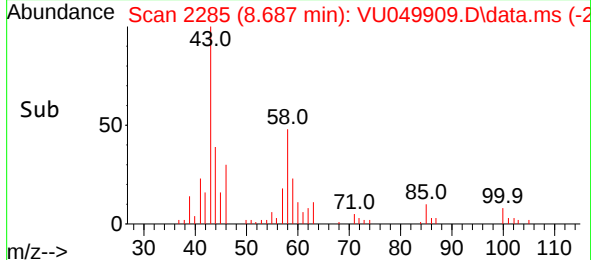
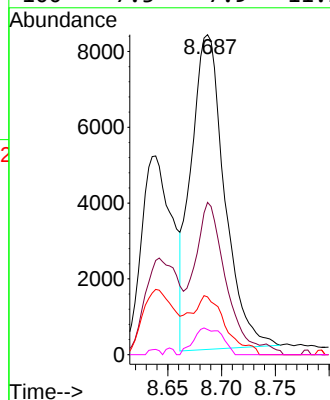
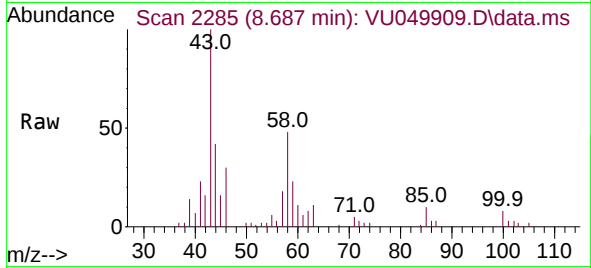




#48
2-Hexanone
Concen: 3.813 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049909.D
Acq: 26 Jul 2022 12:57

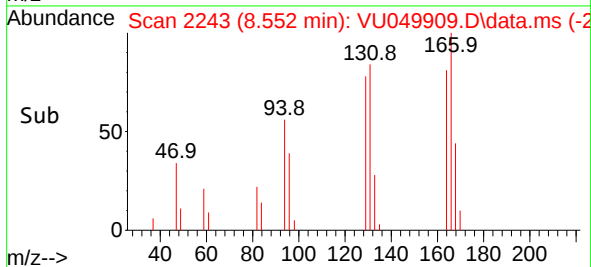
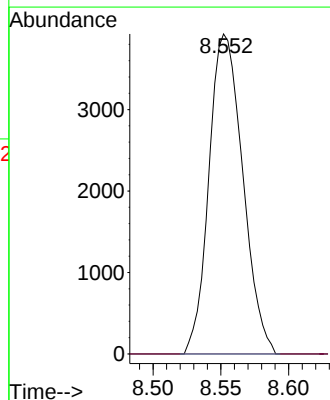
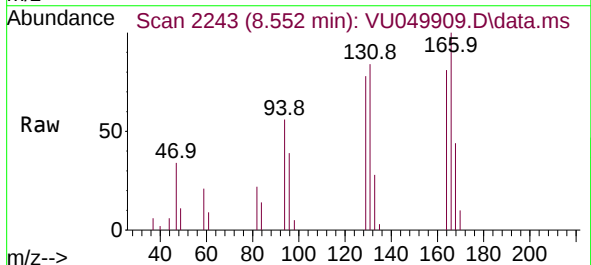
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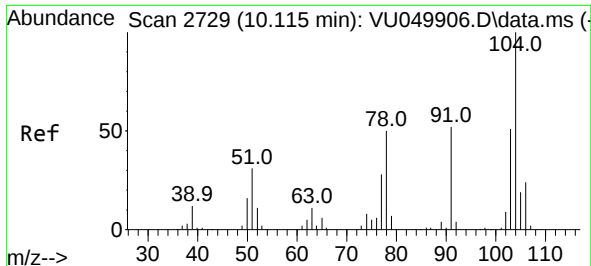
Tgt Ion:	43	Resp:	17919
Ion	Ratio	Lower	Upper
43	100		
58	46.4	42.1	63.1
57	15.6	14.3	21.5
100	7.3	7.9	11.9



#49
Dibromochloromethane
Concen: 0.946 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU049909.D
Acq: 26 Jul 2022 12:57

Tgt Ion:	129	Resp:	6810
Ion	Ratio	Lower	Upper
129	100		
127	0.0	50.5	93.7

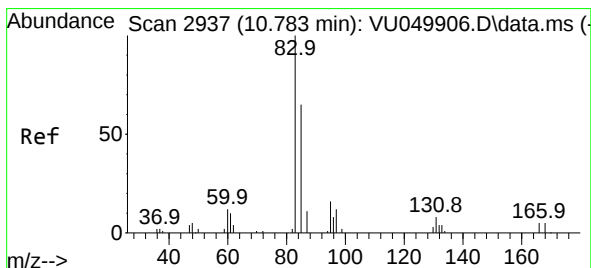
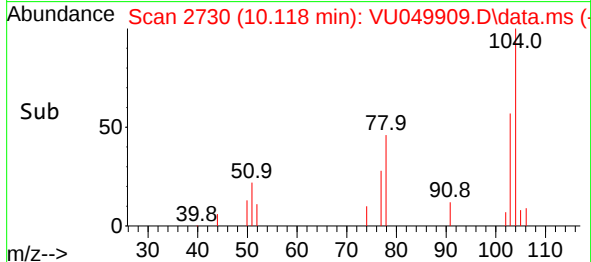
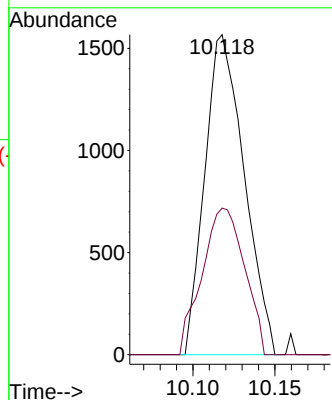
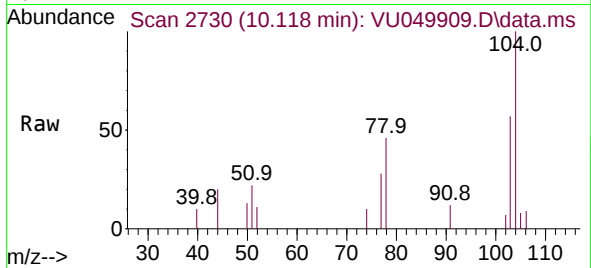




#55
Styrene
Concen: 0.131 ug/L
RT: 10.118 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049909.D
Acq: 26 Jul 2022 12:57

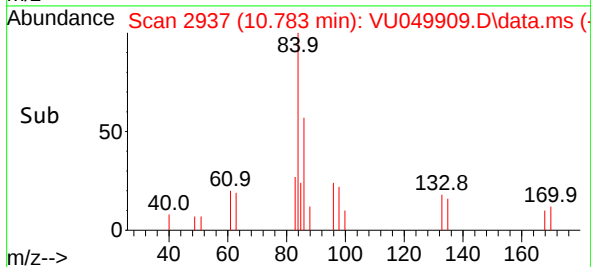
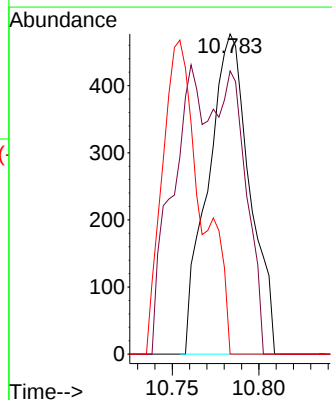
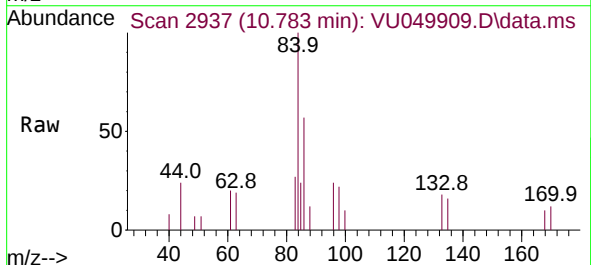
Instrument :
MSVOA_U
ClientSampleId :
GBJ01DL

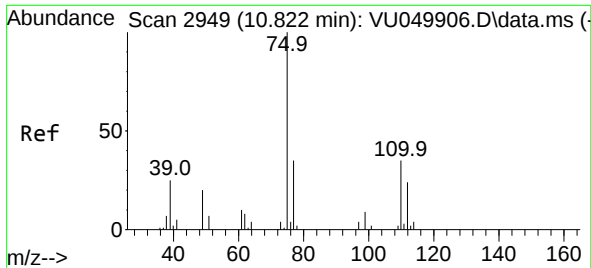
Tgt Ion:104 Resp: 2618
Ion Ratio Lower Upper
104 100
78 45.8 35.1 65.3



#57
1,1,2,2-Tetrachloroethane
Concen: 0.096 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU049909.D
Acq: 26 Jul 2022 12:57

Tgt Ion: 83 Resp: 802
Ion Ratio Lower Upper
83 100
85 88.5 47.9 89.1
131 0.0 7.3 10.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.075 ug/L
 RT: 11.815 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU049909.D
 Acq: 26 Jul 2022 12:57

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ01DL

Tgt Ion: 75 Resp: 5369
 Ion Ratio Lower Upper
 75 100
 110 1.9 28.0 42.0#
 77 33.5 25.4 38.2

